

WASTE/COMPOST SAMPLE INFORMATION

SAMPLE TYPE (Circle ONE)

Predictive (\$8) Diagnostic (\$8)
Research (\$12) Out of State (\$25)

NCDA&CS Agronomic Division Plant/Waste/Solution/Media Section

Mailing Address: 1040 Mail Service Center, Raleigh NC 27699-1040

Physical Address (UPS/FedEx/DHS): 4300 Reedy Creek Rd, Raleigh NC 27607

Phone: (919) 733-2655 For lab results go to: www.ncagr.gov/agronomi

OFFICE USE ONLY

REPORT #

DATE REC'D

INITIAL



SAMPLE INFORMATION

PAYMENT

GROWER INFORMATION (please write legibly)

AGENT OR ADVISOR

FARM ID	FEE TOTAL _____ AMT PAID _____	LAST NAME	FIRST NAME	LAST NAME	FIRST NAME
SAMPLING DATE	METHOD OF PAYMENT: <input type="checkbox"/> CASH <input type="checkbox"/> CHECK <input type="checkbox"/> INVOICE BY MAIL/EMAIL <input type="checkbox"/> ONLINE VISA/MC <input type="checkbox"/> ESCROW ACCOUNT:	ADDRESS		ADDRESS	
SAMPLED BY <input type="checkbox"/> Grower <input type="checkbox"/> Advisor <input type="checkbox"/> Reg. Agronomist		CITY	STATE	ZIP	
COUNTY (WHERE COLLECTED)		EMAIL ADDRESS		EMAIL ADDRESS	
NUMBER OF SAMPLES	Escrow Account Name _____ *REPORTS NOT RELEASED UNTIL PAID	PHONE ()	PALS # (If known)	PHONE ()	PALS # (If known)

LAB NUMBER (LEAVE BLANK)	SAMPLE ID required	WASTE CODE (see p. 2)	SAMPLE DESCRIPTION/ COMMENTS	APPLICATION METHOD(S) required	CORRESPONDING SAMPLE ID <input type="checkbox"/> Soil <input type="checkbox"/> Solution <input type="checkbox"/> Plant <input type="checkbox"/> Media	SPECIAL TESTS NO ₃ , Heavy NH ₄ Metals CCE Other	LAB USE ONLY pH EC DM% C

SAMPLE TYPE does not affect the type or number of tests that will be performed in the standard analysis. **Predictive** tests are for routine monitoring and **Diagnostic** tests are for troubleshooting samples collected in N.C. **Research** is defined as samples submitted by N.C.-based private and university research facilities. An approved research agreement is required prior to submission. **Out of state** is for samples submitted by or for non-North Carolina residents, businesses or researchers.

APPLICATION METHOD (S)

Select 1-2 application methods for an estimate of total or available nutrients.

LIQUID WASTE (lb/1000 gal)

- IR** = Waste applied through irrigation system and left uncovered more than 2 days
IN = Waste injected directly into the soil

SOLID WASTE (lb/ton)

- BR** = Waste broadcast on soil surface and left uncovered more than 2 days
SI = Waste broadcast on soil surface & soil incorporated within 2 days (lb/ton)

SPECIAL TESTS are nonstandard, optional tests that can be added to any sample for an additional fee.

- Nitrate (NO₃-N) & ammonium (NH₄-N) nitrogen: \$10 (Note: TOTAL nitrogen is included in the standard analysis.)
- Heavy metals (lead, nickel, cadmium): \$10
- Calcium Carbonate Equivalence (CCE): \$10—used to determine liming value/alkalinizing effect and reported as Agricultural Liming Equivalency
- Molybdenum (Mo): \$2

Thank you for using agronomic services to manage nutrients and safeguard environmental quality. — Steve Troxler, Commissioner of Agriculture

NON-COMPOSTED ANIMAL MANURE**Lagoon Liquid**

ALS Swine (except farrow to wean)
ALF Swine (farrow to wean)
ALP Poultry
ALO Other

Lagoon Sludge

ASP Poultry
ASS Swine
ASO Other

Slurry

LSB Beef
LSD Dairy (storage pond)
LSS Swine
LSO Other

Surface Scraped/Stockpiled

SSB Beef
SSD Dairy
SSH Horse
SSS Swine
SSO Other

Poultry Litter

HBB Broiler breeder
HBP Broiler pullet
HLB Broiler
HLL Layer

COMPOST CODES**Composted Manure**

FCB Beef
FCD Dairy
FCH Horse
FCP Poultry
FCS Swine

Other Composted Materials

FPM Compost, poultry mortality
FSM Compost, swine mortality
FCW Compost, plant material
FCX Compost, mixed materials
FCV Vermicompost
BCO Compost, biosolids/residuals

TIPS

- Submit **liquids** in a one-pint clean, plastic (NO GLASS) bottle. Leave a couple of inches of headspace in the bottle to allow for sample expansion.
- Submit **solid** samples in a clean, sealable plastic bag, ~1 quart.
- Keep the samples cool. If they are stored for more than one day, they should be refrigerated.
- Indicate type of waste in the SAMPLE DESCRIPTION / COMMENTS section.
- For detailed sampling instructions, go to www.ncagr.gov/agronomi/uyrwaste.htm

INDUSTRIAL / MUNICIPAL / COMMERCIAL CODES**Non-Composted Raw Materials**

NCR Raw plant material/crop residues
NBS Wood waste/sawdust
NSF Food and/or beverage by-products (solid)
NLF Food and/or beverage by-products (liquid)
GTL Grease trap water (liquid only)
NSA Animal by-products (solid)
NLA Animal by-products (liquid)
IOC Paper fiber/pulp
IOL Lime by-products *CCE test required (\$10)
NSO Solid, other (specify)
NLO Liquid, other (specify)

Combustion/Thermal by-products

CSW Wood ash (domestic or industrial)
CSC Coal ash
CSB Biochar
CSO Ash, mixed or other

Waste Treatment By-Products

Untreated sewage sludge/septage is not accepted. Samples treated by aerobic or anaerobic digestion, composting, alkaline stabilization, or thermal drying/dewatering are accepted.

BID Domestic septage, (specify treatment)
BCO Biosolids, composted
BIO Biosolids, other treatment (specify)
BIX Biosolids, mixed
BLL Leachates/effluents or reclaimed water

STANDARD TEST — All samples are analyzed for nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, iron, zinc, manganese, copper, boron, aluminum and sodium.

Composted samples are also analyzed for electrical conductivity, pH, and carbon to nitrogen ratio.

Liquid samples are also analyzed for pH.

The NCDA&CS Agronomic Division laboratory is certified by the N.C. Department of Environmental Quality perform nutrient analyses for animal waste operations only. NCDA&CS is not certified to analyze industrial or domestic (municipal) wastes for regulatory compliance.